STORAGE SYSTEM HAVING REDUNDANCY BLOCK, AND CONTROLLER, CONTROL METHOD, PROGRAM, AND STORAGE MEDIUM FOR STORAGE SYSTEM

ABSTRACT OF THE DISCLOSURE

In a storage system storing block groups composed of plural storing object blocks in plural storage devices dispersedly, to reduce overheads associated with a block rebuilding process executed if one of the storage devices is defective. The present invention provides a storage system in which one of the storing object blocks is a redundancy block used to rebuild the other storing object blocks, the storage system comprising a block writer storing each of the plural storing object blocks and a copied block copied from any of plural storing object blocks in different storage devices, a block rebuilder operating if a defect is detected in any of the uncopied storing object blocks, to rebuild the defective storing object block based on the plural storing object blocks other than the defective storing object block, and a rebuild block overwriter overwriting the rebuilt storing object block on the copied block or on the storing object block which is an original of the copied block.